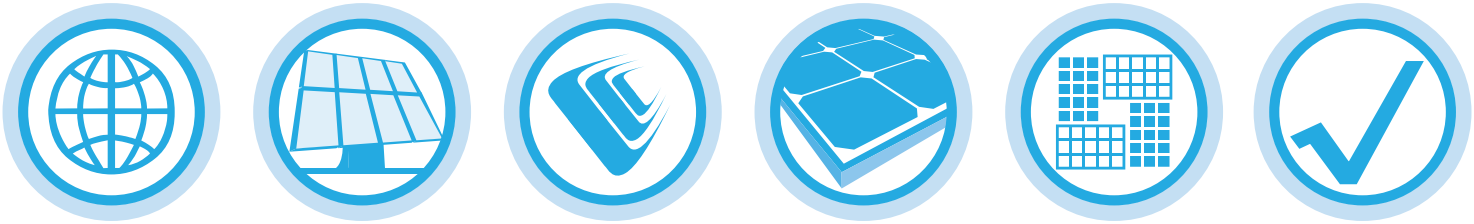
Trinasolar

CASE STUDY

PARK VILLAS ROOFTOP
CALIFORNIA, USA

OVERVIEW:

Park Villas is the largest Multi-family Affordable Solar Housing (MASH) project in California, generating 775,000 kWH of electricity annually to 144 houses.



LOCATION
National City, CA

TYPE
Rooftop

SIZE
464 kW

PRODUCT
ALLMAX

 # OF MODULES
2,000

COMPLETION DATE
September 2011

THE PROJECT

The project is the largest Multi-family Affordable Solar Housing (MASH) project in California and will generate 775,000 KWH of electricity annually, enough to power 144 housing units and property common areas. In addition to supplying solar energy to the families living in Park Villas, Everyday Energy provided solar installation training to residents interested in becoming solar installation assistants. As a result of this training, Everyday Energy hired 3 course participants to work as solar assistants on their installation team.

THE SYSTEM

The system that will reduce green house gas emissions by approximately 5,000 tons of CO_2 per year – the equivalent of planting 20,000 trees.

Through Virtual Net Metering, 95% of the generated power will be allocated to tenants - supplying nearly 100% of their usage - and 5% will be allocated to common area electrical usage.

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THE SOLUTION

This is currently Trina Solar's most popular module. Versatile and adaptable, with power output ranging from 235 to 250Wp, the ALLMAX panel is perfect for large-scale installations, particularly ground-mounted and commercial rooftop systems. Using reliable and carefully selected components that are tested at the Trina Solar Center of Excellence, this panel comes with a 25-year performance guarantee of 80% power production.

ABOUT TRINA SOLAR

Founded in 1997, Trina Solar is one of the leading PV companies based in China. Fully vertically integrated from ingots to modules in both mono and multicrystalline technologies, Trina Solar offers high quality modules. Listed on the NYSE, it operates worldwide to deliver the best value to its customers.

